

GILA RIVER BASIN

09498501 PINTO CREEK BELOW HAUNTED CANYON NEAR MIAMI, AZ

LOCATION--Lat 33°25'07", long 111°00'32", in SE_{1/4}NE_{1/4}, sec. 23, T.1 N., R.13 E. (unsurveyed), Gila County, Hydrologic Unit 15060103, 3/4 mi downstream from Haunted Canyon, in Tonto National Forest, in Gila County, approximately 8 mi west-northwest of Miami, AZ.

DRAINAGE AREA--37.3 mi², from topographic map.

PERIOD OF RECORD--Oct. 1995 to current year.

GAGE--Water-stage recorder. Control is a 90° V-notch, since Aug. 26, 1996. Elevation of gage is 3,180 ft above sea level, from topographic map.

REMARKS--Records good, except for estimated daily discharges, which are poor. Some flows affected by pumpage from upstream wells.

EXTREMES FOR PERIOD OF RECORD--Maximum discharge, 822 ft³/s, Feb. 28, 1997, at gage height 8.01 ft, recorded at gage. Minimum daily discharge, no flow for many days for the period July 2002 through Sept. 2002.

EXTREMES FOR CURRENT YEAR--Peak discharges greater than base discharge of 100 ft³/s and (or) maximum (*):

	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
	Feb. 26	1530	*363	*6.44
	Feb. 28	0330	345	6.36

Minimum daily discharge, no flow for many days.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.03	0.07	0.24	0.32	72	1.9	0.46	0.17	0.04	0.01	0.01
2	0.00	0.03	0.07	0.24	0.31	41	1.8	0.44	0.16	0.03	0.01	0.01
3	0.01	0.03	0.07	0.26	0.34	24	1.6	0.43	0.15	0.03	0.01	0.01
4	0.01	0.03	0.07	0.27	0.33	15	1.5	0.43	0.15	0.03	0.01	0.01
5	0.01	0.04	0.08	0.28	0.36	11	1.5	0.42	0.13	0.02	0.00	0.01
6	0.01	0.04	0.08	0.27	0.35	8.0	1.3	0.42	0.12	0.02	0.00	0.03
7	0.01	0.04	0.08	0.28	0.33	6.1	1.2	0.40	0.12	0.02	0.00	0.02
8	0.02	0.04	0.08	0.30	0.34	4.8	1.0	0.38	0.11	0.02	0.00	0.02
9	0.02	0.04	0.08	0.33	0.33	3.9	0.91	0.37	0.11	0.02	0.00	0.03
10	0.01	0.04	0.09	0.32	0.33	3.3	0.87	0.36	0.11	0.02	0.00	0.03
11	0.01	0.04	0.09	e0.30	0.33	2.7	0.82	0.35	0.11	0.01	0.00	0.03
12	0.02	0.04	0.09	e0.30	0.34	2.3	0.78	0.34	0.10	0.01	0.00	0.02
13	0.01	0.04	0.09	e0.30	0.42	2.1	0.74	0.33	0.10	0.01	0.00	0.02
14	0.02	0.04	0.09	e0.30	3.0	2.0	0.71	0.32	0.09	0.01	0.00	0.02
15	0.03	0.04	0.10	e0.30	2.5	1.9	1.7	0.31	0.09	0.02	0.00	0.02
16	0.04	0.04	0.10	e0.30	1.7	5.9	1.1	0.30	0.08	0.02	0.00	0.02
17	0.03	0.05	0.12	e0.30	1.2	24	0.81	0.29	0.08	0.01	0.00	0.01
18	0.03	0.05	0.12	e0.30	0.87	26	0.73	0.28	0.07	0.01	0.00	0.01
19	0.02	0.06	0.12	e0.30	0.70	22	0.70	0.28	0.07	0.01	0.00	0.01
20	0.02	0.06	0.13	e0.40	0.60	14	0.67	0.26	0.06	0.01	0.00	0.01
21	0.02	0.06	0.12	e0.35	0.57	10	0.64	0.25	0.06	0.01	0.00	0.01
22	0.02	0.06	0.13	e0.35	0.54	7.5	0.61	0.25	0.06	0.01	0.00	0.01
23	0.02	0.06	0.16	e0.35	0.52	6.0	0.59	0.25	0.06	0.01	0.00	0.01
24	0.02	0.06	0.17	0.32	0.50	4.9	0.56	0.24	0.05	0.01	0.00	0.02
25	0.02	0.06	0.18	0.32	1.2	3.9	0.53	0.23	0.05	0.00	0.00	0.02
26	0.02	0.06	0.18	0.32	204	3.5	0.51	0.22	0.05	0.00	0.01	0.02
27	0.04	0.06	0.19	0.32	103	3.1	0.50	0.22	0.05	0.00	0.71	0.02
28	0.04	0.06	0.20	0.32	239	2.5	0.49	0.21	0.04	0.01	0.02	0.02
29	0.03	0.06	0.21	0.32	---	2.2	0.48	0.20	0.04	0.01	0.02	0.02
30	0.03	0.08	0.22	0.32	---	2.0	0.46	0.19	0.04	0.01	0.02	0.02
31	0.03	---	0.23	0.32	---	2.0	---	0.19	---	0.01	0.02	---
TOTAL	0.62	1.44	3.81	9.50	564.33	339.6	27.71	9.62	2.68	0.45	0.84	0.52
MEAN	0.020	0.048	0.12	0.31	20.2	11.0	0.92	0.31	0.089	0.015	0.027	0.017
MAX	0.04	0.08	0.23	0.40	239	72	1.9	0.46	0.17	0.04	0.71	0.03
MIN	0.00	0.03	0.07	0.24	0.31	1.9	0.46	0.19	0.04	0.00	0.00	0.01
AC-FT	1.2	2.9	7.6	19	1120	674	55	19	5.3	0.9	1.7	1.0
CFSM	0.00	0.00	0.00	0.01	0.54	0.29	0.02	0.01	0.00	0.00	0.00	0.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2003, BY WATER YEAR (WY)

MEAN	0.77	2.27	0.86	2.35	10.7	6.44	3.00	0.38	0.11	0.32	0.48	0.17
MAX	5.44	16.9	3.66	11.3	38.3	15.4	9.73	0.84	0.29	0.99	1.35	0.65
(WY)	2001	2001	1998	1997	1998	2001	2001	1998	1998	1999	1999	1999
MIN	0.020	0.048	0.12	0.30	0.41	0.45	0.37	0.17	0.026	0.013	0.002	0.002
(WY)	2003	2003	1996	2000	2002	2002	2000	1996	2002	2002	2002	2002

SUMMARY STATISTICS FOR 2002 CALENDAR YEAR FOR 2003 WATER YEAR WATER YEARS 1996 - 2003

ANNUAL TOTAL	64.84	961.12		
ANNUAL MEAN	0.18	2.63	2.27	
HIGHEST ANNUAL MEAN			5.52	2001
LOWEST ANNUAL MEAN			0.22	2002
HIGHEST DAILY MEAN	0.52	Mar 10	355	Feb 28 1997
LOWEST DAILY MEAN	0.00	Jul 15	0.00	Jul 15 2002
ANNUAL SEVEN-DAY MINIMUM	0.00	Jul 28	0.00	Jul 28 2002
ANNUAL RUNOFF (AC-FT)	129		1640	
ANNUAL RUNOFF (CFSM)	0.005		0.061	
10 PERCENT EXCEEDS	0.45	1.9	2.6	
50 PERCENT EXCEEDS	0.08	0.09	0.25	
90 PERCENT EXCEEDS	0.00	0.01	0.03	

e Estimated